

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1483	310/313R.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 08:51
S2	1622	longitudinal\$ with coupl\$3 with filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 17:30
S3	219504	(surface boundary) adj acoustic adj wave or SAW or BAW	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 08:52
S4	524	S2 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 09:56
S5	360456	(silicon with (silicon adj dioxide or silicon adj oxide or silica)) (si with (sio2 or "sio.sub.2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 12:49
S6	7034	S3 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 18:45
S7	39	S4 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 09:15
S8	1947	310/313A-313D.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 10:13

## EAST Search History

S9	22450	lithium adj niobate linbo3 "linbo.sub. 3"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 10:13
S10	1555	euler near3 angles	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 10:14
S11	107	S9 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 12:32
S12	23	(US-20070284965-\$ or US-20060071579-\$ or US-20050099091-\$ or US-20050062560-\$ or US-20040140734-\$ or US-20030011281-\$ or US-20020158549-\$ or US-20020027485-\$ or US-20070090898-\$ or US-20050057323-\$ or US-20070132339-\$ or US-20040135469-\$ or US-20070108868-\$).did. or (US-7218039-\$ or US-6806795-\$ or US-6713941-\$ or US-6566983-\$ or US-6538359-\$ or US-5783896-\$ or US-5777422-\$ or US-5565724-\$ or US-5446329-\$ or US-7042133-\$). did.	US-PGPUB; USPAT	OR	ON	2008/01/11 10:20
S13	12	S12 and (electrode near3 thick\$4)	US-PGPUB; USPAT	OR	ON	2008/01/11 10:30
S14	145291	electrode with (au ag cu al fe ni w ta pt mo cr ti zno ito)	US-PGPUB; USPAT	OR	ON	2008/01/11 10:31
S15	20	S12 and S14	US-PGPUB; USPAT	OR	ON	2008/01/11 11:57
S16	1869	(S1 S8) and filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 10:42

## EAST Search History

S17	568	S16 and bandwidth	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 10:43
S18	273	S17 and coefficient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 10:48
S19	2902	(sh (shear adj horizontal)) with wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 11:58
S20	28	slow adj transverse adj wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 11:59
S21	13	S19 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 11:58
S22	324	(S1 S8) and resin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 12:34
S23	75240	resin with ((silicon adj dioxide or silicon adj oxide or silica) (si with (sio2 or "sio.sub.2")))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 12:50
S24	1165	S3 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 12:50

## EAST Search History

S25	30	(US-20070284965-\$ or US-20060071579-\$ or US-20050099091-\$ or US-20050062560-\$ or US-20040140734-\$ or US-20030011281-\$ or US-20020158549-\$ or US-20020027485-\$ or US-20070090898-\$ or US-20050057323-\$ or US-20070132339-\$ or US-20040135469-\$ or US-20070108868-\$ or US-20010008387-\$ or US-20030164657-\$).did. or (US-7218039-\$ or US-6806795-\$ or US-6713941-\$ or US-6566983-\$ or US-6538359-\$ or US-5783896-\$ or US-5777422-\$ or US-5565724-\$ or US-5446329-\$ or US-7042133-\$ or US-6489863-\$ or US-6121713-\$ or US-5773911-\$ or US-7151424-\$ or US-5973438-\$).did.	US-PGPUB; USPAT	OR	ON	2008/01/11 13:13
S26	7	S25 and resin	US-PGPUB; USPAT	OR	ON	2008/01/11 13:13
S27	22458	lithium adj niobate linbo3 "linbo.sub. 3"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 09:31
S28	1559	euler near3 angles	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 09:31
S29	108	S27 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 09:31
S30	3	"US 20040061575"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/01/15 10:22
S31	89930	(plane orientation) with crystal	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/01/15 10:23

## EAST Search History

S32	3418	S27 and S31	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/01/15 13:19
S33	990	((plane orientation) with crystal) same (lithium adj niobate linbo3 "linbo.sub.3")	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/01/15 10:24
S34	2892	S32 and (angle degree)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/01/15 13:21
S35	193663	surface adj acoustic adj wave or boundary adj acoustic adj wave or saw or baw	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/01/15 13:22
S36	582	S34 and S35	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/01/15 13:22
S37	38	(US-20070284965-\$ or US-20070108868-\$ or US-20040135469-\$ or US-20030164657-\$ or US-20010008387-\$ or US-20070090898-\$ or US-20050099091-\$ or US-20050062560-\$ or US-20040140734-\$ or US-20030011281-\$ or US-20020027485-\$ or US-20070132339-\$ or US-20060071579-\$ or US-20020158549-\$ or US-20050057323-\$ or US-20040061575-\$ or US-20020053856-\$).did. or (US-7042133-\$ or US-7151424-\$ or US-6806795-\$ or US-6713941-\$ or US-7218039-\$ or US-6538359-\$ or US-6489863-\$ or US-6121713-\$ or US-5973438-\$ or US-5783896-\$ or US-5777422-\$ or US-5773911-\$ or US-5565724-\$ or US-5446329-\$ or US-6566983-\$ or US-7180222-\$ or US-6700300-\$ or US-6373353-\$ or US-6337531-\$ or US-6141465-\$ or US-6025636-\$).did.	US-PGPUB; USPAT	OR	ON	2008/01/15 17:30

## EAST Search History

S38	1623	longitudinal\$ with coupl\$3 with filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 17:30
S39	6	S37 and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 17:31
S40	145347	electrode with (au ag cu al fe ni w ta pt mo cr ti zno ito)	US-PGPUB; USPAT	OR	ON	2008/01/15 17:53
S41	30	S37 and S40	US-PGPUB; USPAT	OR	ON	2008/01/15 17:53
S42	360697	(silicon with (silicon adj dioxide or silicon adj oxide or silica)) (si with (sio2 or "sio.sub.2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 18:23
S43	13	S37 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 18:23
S44	219729	(surface boundary) adj acoustic adj wave or SAW or BAW	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 18:45
S45	7038	S44 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 18:45
S46	329	S45 and idt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 18:46

## EAST Search History

S47	28	slow adj transverse adj wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/22 07:55
S48	2904	(sh (shear adj horizontal)) with wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/22 07:55
S49	6310	((slow adj transverse) st) with wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/22 07:55
S50	311	S48 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/22 07:56
S51	1485	310/313R.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/22 08:43
S52	1948	310/313A-313D.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/22 08:43
S53	892	(S51 S52) and ((electrode idt) with thick\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/22 08:43
S54	380	S53 and lambda	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/22 08:44

## EAST Search History

S55	29	(S51 S52) and (duty adj ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/22 08:50
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